

METHODS FOR INHIBITING PROLIFERATION OF ASTROCYTES AND
ASTROCYTIC TUMOR CELLS AND USES THEREOF

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Abstract of the Disclosure

The present invention provides methods for inhibiting proliferation of astrocytes and astrocytic tumor cells. The present invention further provides methods for treating a condition associated with a defect in astrocyte proliferation in a
10 subject, and methods for treating a condition associated with astrocytic tumor cell proliferation in a subject. Additionally, the present invention is directed to pharmaceutical compositions comprising CD81 protein or nucleic acid and a pharmaceutically-acceptable carrier. Finally, the present invention provides a method for determining whether a subject has an astrocytoma, and a method
15 for assessing the efficacy of astrocytoma therapy in a subject.

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